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# Crestron Zūm<sup>®</sup>

## Lighting Control Solutions Reference Guide

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CRESTRON ELECTRONICS, INC. / COMMERCIAL LIGHTING



# Crestron Zūm: Lighting Control Systems for a New Generation

## Lighting Control Made Easy

Crestron Zūm lighting control systems cover all your requirements on a single platform. With simple design, installation, control and unparalleled scalability, Zūm enables you to control lighting in as many — or as few — spaces as required.

### Zūm Wired Solutions

Zūm Wired is a distributed lighting control system that uses industry standards such as 0-10V, DALI®, DMX and phase control all merged on an enterprise IoT network, Zūm Net. This network not only provides communication and control of your lighting, but also seamlessly integrates with Crestron Unified Communications systems and 3rd party occupancy, environmental, and acoustical sensors or other data-related IoT devices.

### Zūm Wireless Solutions

Zūm Wireless is a distributed lighting control system that uses industry standards, such as 0-10V, DALI, DMX and phase control, and can be managed from a secure wireless 2.4 GHZ network. Zūm Wireless systems are scalable from just a single room with two devices, up to 32,000 devices in 1,000 rooms or spaces occupying up to millions of square feet.

### Zūm Hybrid Systems

Built on a distributed architecture, both Zūm Wired and Zūm Wireless products can be mixed in a single system. Perhaps you need wireless interface devices, including keypads or sensors, because of room limitations such as glass walls. Maybe you need to add wireless spaces into a wired system. It doesn't matter. There's a Zūm solution for virtually every situation.











### Easy to set up

All Zūm devices – wired or wireless – can be managed from the Zūm App, which makes it easy to set up all room aspects and parameters, including presets, lighting levels, and optimized sensor settings. Spaces or rooms can be saved and used as templates for use in other spaces, which greatly reduces the time required to start up your systems.














### Easy to manage

With Zūm, building-wide lighting control is just as easy as in-room control. A single Zūm Hub can manage systems with up to 32,000 devices over millions of square feet! The Zūm Hub provides master time clock schedules, demand response, BACnet communication integration, device management (including battery life), as well as uplink connectivity to the Crestron XiO Cloud® IoT-based service.

## Load Controllers

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMNET-JBOX-LV-16</a>	Networked 16 amp, 0-10V dimming power pack, 120-277V with energy monitoring		
<a href="#">ZUMNET-JBOX-DALI</a>	Networked DALI dimming power pack, 120-277V with energy monitoring		
<a href="#">ZUMLINK-JBOX-16A-LV</a>	16 amp, 0-10V dimming power pack, 120-277V with energy monitoring		
<a href="#">ZUMLINK-JBOX-20A-SW</a>	20 amp, high inrush switching on/off power pack, 120-277V with energy monitoring		
<a href="#">ZUMLINK-JBOX-20A-PLUG</a>	20 amp plug load controller, 120-277V with energy monitoring		
<a href="#">ZUMLINK-JBOX-LV-16A-ECON</a>	16 amp, 0-10V dimming power pack, 120-277V		
<a href="#">ZUMLINK-EXP-DIMU</a>	16 amp, universal phase dimming module, 120-277V		



## Interfaces

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMLINK-KP-R-W</a>	Zūm wired keypad, rocker, BLE		
<a href="#">ZUMLINK-BTN4</a>	4-button keypad tree, pre-labeled	 	
<a href="#">ZUMLINK-BTN6</a>	6-button keypad tree, pre-labeled		
<a href="#">ZUMINK-BTN8</a>	8-button keypad tree, pre-labeled		
<a href="#">ZUMLINK-BTNR-ENGRAVED</a>	Rocker button tree, custom engraved		
<a href="#">ZUMLINK-BTN4-ENGRAVED</a>	4-button keypad tree, custom engraved	 	
<a href="#">ZUMLINK-BTN6-ENGRAVED</a>	6-button keypad tree, custom engraved		
<a href="#">ZUMLINK-BTN8-ENGRAVED</a>	8-button keypad tree, custom engraved		
















## Sensors

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMLINK-IR-QUATTRO-DS</a>	Passive IR presense detector, built-in daylight sensor		
<a href="#">ZUMLINK-IR-QUATTRO-HD-DS</a>	Passive IR presense detector, 4,000 sq. ft. coverage, built-in daylight sensor		
<a href="#">ZUMLINK-IR-QUATTRO-DS-RLY</a>	Passive IR presense detector, built-in daylight sensor and relay		
<a href="#">ZUMLINK-IR-QUATTRO-HD-DS-RLY</a>	Passive IR presense detector, 4,000 sq. ft. coverage, built-in daylight sensor and relay		
<a href="#">ZUMLINK-US-QUATTRO-DS</a>	Ultra-sonic presense detector, built-in daylight sensor		
<a href="#">ZUMLINK-US-QUATTRO-DS-RLY</a>	Ultra-sonic presense detector, built-in daylight sensor and relay		
<a href="#">ZUMLINK-DT-QUATTRO-DS</a>	Dual tech presense detector, built-in daylight sensor		
<a href="#">ZUMLINK-DT-QUATTRO-DS-RLY</a>	Dual tech presense detector, built-in daylight sensor and relay		
<a href="#">ZUMLINK-US-HALLWAY-DS</a>	Ultra-sonic hallway presense detector, built-in daylight sensor		
<a href="#">ZUMLINK-US-HALLWAY-DS-RLY</a>	Ultra-sonic hallway presense detector, built-in daylight sensor and relay		
<a href="#">ZUMLINK-US-ONEWAY-DS</a>	Ultra-sonic single-direction hallway presense detector, built-in daylight sensor		
<a href="#">ZUMLINK-US-ONEWAY-DS-RLY</a>	Ultra-sonic single-direction hallway presense detector, built-in daylight sensor and relay		

## Cables

MODEL	DESCRIPTION	ICON
<a href="#">CBL-CAT5E-ZUMNET-P-25</a>	Purple ZUMNET CAT5e cable, 25' pre-terminated	
<a href="#">CBL-CAT5E-ZUMNET-P-50</a>	Purple ZUMNET CAT5e cable, 50' pre-terminated	
<a href="#">CBL-CAT5E-ZUMNET-P-100</a>	Purple ZUMNET CAT5e cable, 100' pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-0.5</a>	Orange ZUMLINK CAT5e cable, 6" pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-3</a>	Orange ZUMLINK CAT5e cable, 3' pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-6</a>	Orange ZUMLINK CAT5e cable, 6' pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-12</a>	Orange ZUMLINK CAT5e cable, 12' pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-25</a>	Orange ZUMLINK CAT5e cable, 25' pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-50</a>	Orange ZUMLINK CAT5e cable, 50' pre-terminated	
<a href="#">CBL-CAT5E-ZUMLINK-P-12-10PK</a>	Orange ZUMLINK CAT5e cable, 12' pre-terminated, 10 pack	
<a href="#">CBL-CAT5E-ZUMLINK-P-25-10PK</a>	Orange ZUMLINK CAT5e cable, 25' pre-terminated, 10 pack	

## Load Controllers

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMMESH-JBOX-16A-LV</a>	16 amp, 0-10V dimming power pack, 120-277V		
<a href="#">ZUMMESH-JBOX-5A-LV</a>	5 amp, 0-10V dimming power pack, 120-277V		
<a href="#">ZUMMESH-JBOX-20A-SW</a>	20 amp, high inrush switching on/off power pack, 120-277V		
<a href="#">ZUMMESH-JBOX-20A-PLUG</a>	20 amp, plug load controller, 120-277V		
<a href="#">ZUMMESH-JBOX-16A-LV-EM</a>	16 amp, 0-10V dimming power pack, 120-277V, UL924 emergency		
<a href="#">ZUMMESH-JBOX-DALI</a>	DALI dimming power pack, 120-277V		
<a href="#">ZUMMESH-EXP-16A-DIMU</a>	16 amp, universal phase dimming module, 120-277V		
<a href="#">ZUMMESH-5A-LV</a>	5 amp, 0-10V wall box dimmer, 120-277V	 	
<a href="#">ZUMMESH-5A-SW</a>	5 amp, wall switch, 120-277V		
<a href="#">ZUMMESH-DIM</a>	5 amp, MLV wall box dimmer, 120-277V		
<a href="#">ZUMMESH-DELV</a>	5 amp, ELV wall box dimmer, 120-277V		

## Wireless Network Accessories

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMMESH-GATEWAY</a>	PoE gateway, supports 50 network bridges	 A black PoE gateway device with a single antenna on top and several ports on the front.	
<a href="#">ZUMMESH-NET-BRIDGE</a>	Network bridge	 A white, square-shaped network bridge device with a circular logo on the front.	 An orange icon featuring a Wi-Fi signal symbol above the letters 'BRG' inside a speech bubble shape.










## Interfaces – 120-277V Powered

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMMESH-KP-10A</a>	AC-powered rocker keypad		
<a href="#">ZUMMESH-KP-10B</a>	AC-powered 4-button keypad		











## Interfaces – Battery Powered

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMMESH-KP10ABATT</a>	Battery-powered rocker keypad, pre-labeled		
<a href="#">ZUMMESH-KP10BBATT</a>	4-button battery-powered keypad, pre-labeled		
<a href="#">ZUMMESH-KP10CBATT</a>	6-button battery-powered keypad, pre-labeled		
<a href="#">ZUMMESH-KP10DBATT</a>	8-button battery-powered keypad, pre-labeled		








## Accessories

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMMESH-AV-BRIDGE</a>	AV integration module		
<a href="#">ZUMMESH-JBOX-PSU</a>	J-Box power supply, 120-277V		
<a href="#">ZUMMESH-CCO</a>	Contact closure output for HVAC integration		
<a href="#">ZUMMESH-JBOX-FMKT-CP</a>	Chicago Plenum Enclosure for Zum wireless J-Box devices		


## Sensors

MODEL	DESCRIPTION	IMAGE	ICON
<a href="#">ZUMMESH-PIR-OCC-BATT</a>	Battery-powered passive IR occupancy sensor		
<a href="#">ZUMMESH-PIR-VAC-BATT</a>	Battery-powered passive IR vacancy sensor		
<a href="#">ZUMMESH-OL-PHOTOCELL-BATT</a>	Battery-powered auto-calibrating daylight sensor		
<a href="#">ZUMMESH-PART</a>	Partition sensor		
<a href="#">ZUMMESH-JBOX-SIM</a>	System integration module for low-voltage sensors		

## Non-Zūm Sensors – used with Zūm (wired or wireless)

MODEL	DESCRIPTION	IMAGE
<a href="#">GLA-IR-QUATTRO-HD-COM1-24</a>	Passive IR presense detector, 4,000 sq. ft. coverage, 24V	
<a href="#">GLA-DT-QUATTRO-COM1-24</a>	Dual tech presense detector, 24V	
<a href="#">GLA-US-QUATTRO-COM1-24</a>	Ultra-sonic presense detector, 24V	
<a href="#">GLA-US-HALLWAY-COM1-24</a>	Ultra-sonic hallway presense detector, 24V	
<a href="#">GLA-US-ONEWAY-COM1-24</a>	Ultra-sonic single-direction presense detector, 24V	
<a href="#">GLA-DT-CM-COM1-24</a>	Dual tech corner-mount presencve detector, 24V	
<a href="#">GLA-IR-CM-COM1-24</a>	Passive IR corner-mount presence detector, 24V	

## Network Accessories

MODEL	DESCRIPTION	IMAGE
<a href="#">GLNET-ZUM</a>	Main system control with time-clock, demand response and BACnet interface, supports 1,000 spaces	
<a href="#">CLP-HUB-SW-POE-10</a>	Ethernet network distribution panel	